

FIG. 1
RELATED ART

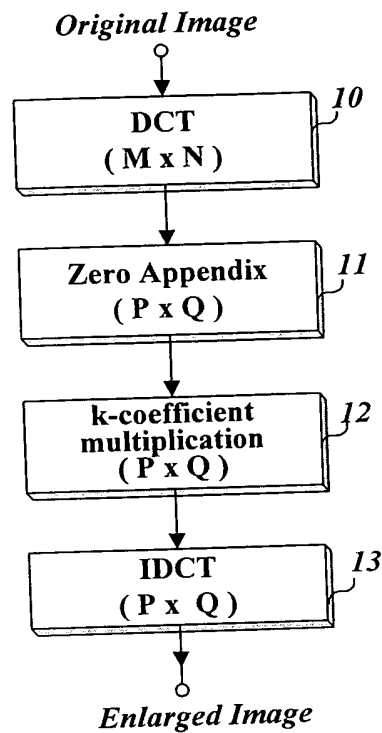


FIG. 2 RELATED ART

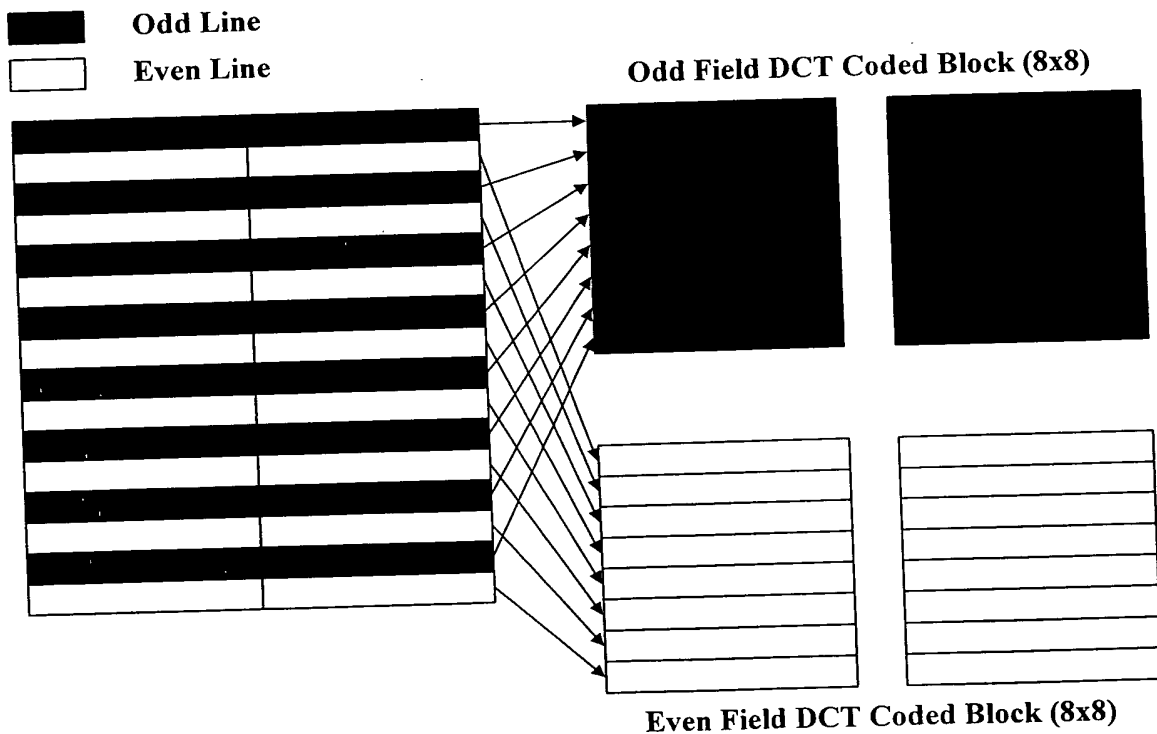


FIG. 3
RELATED ART

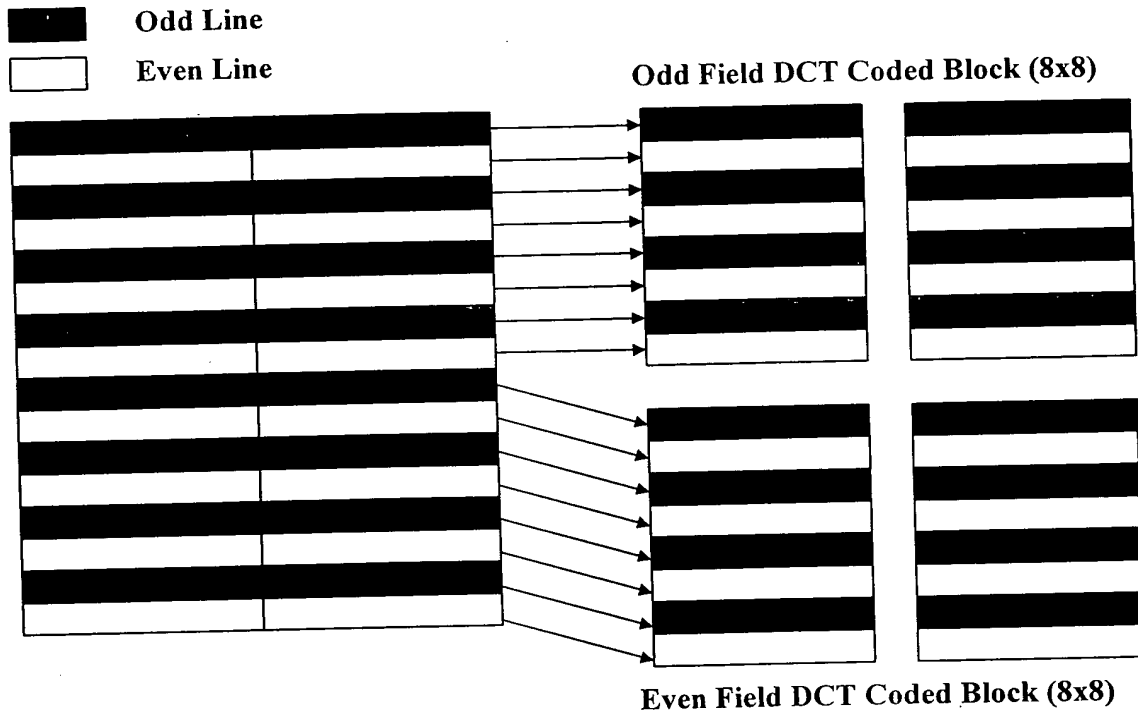


FIG. 4
RELATED ART

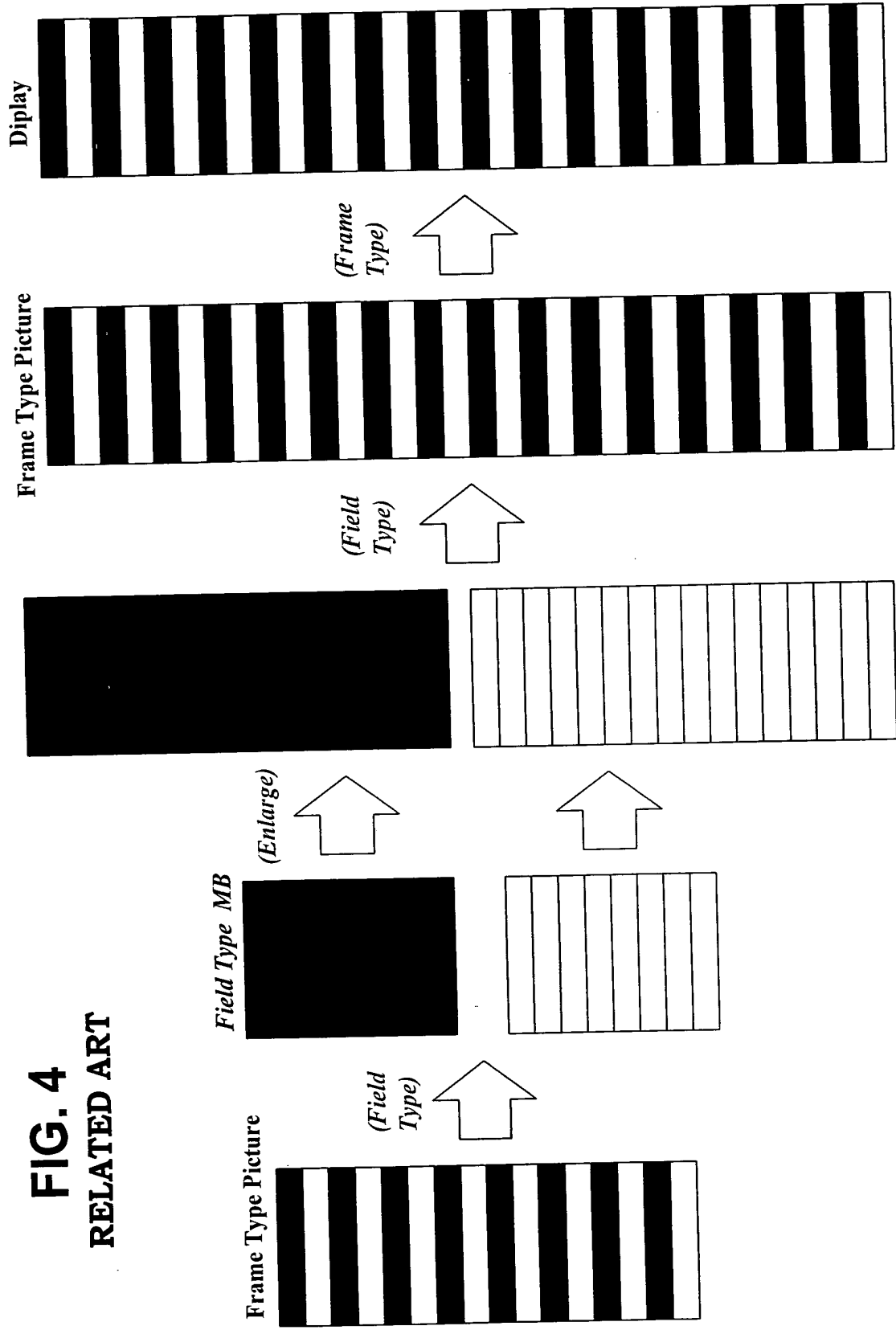


FIG. 5

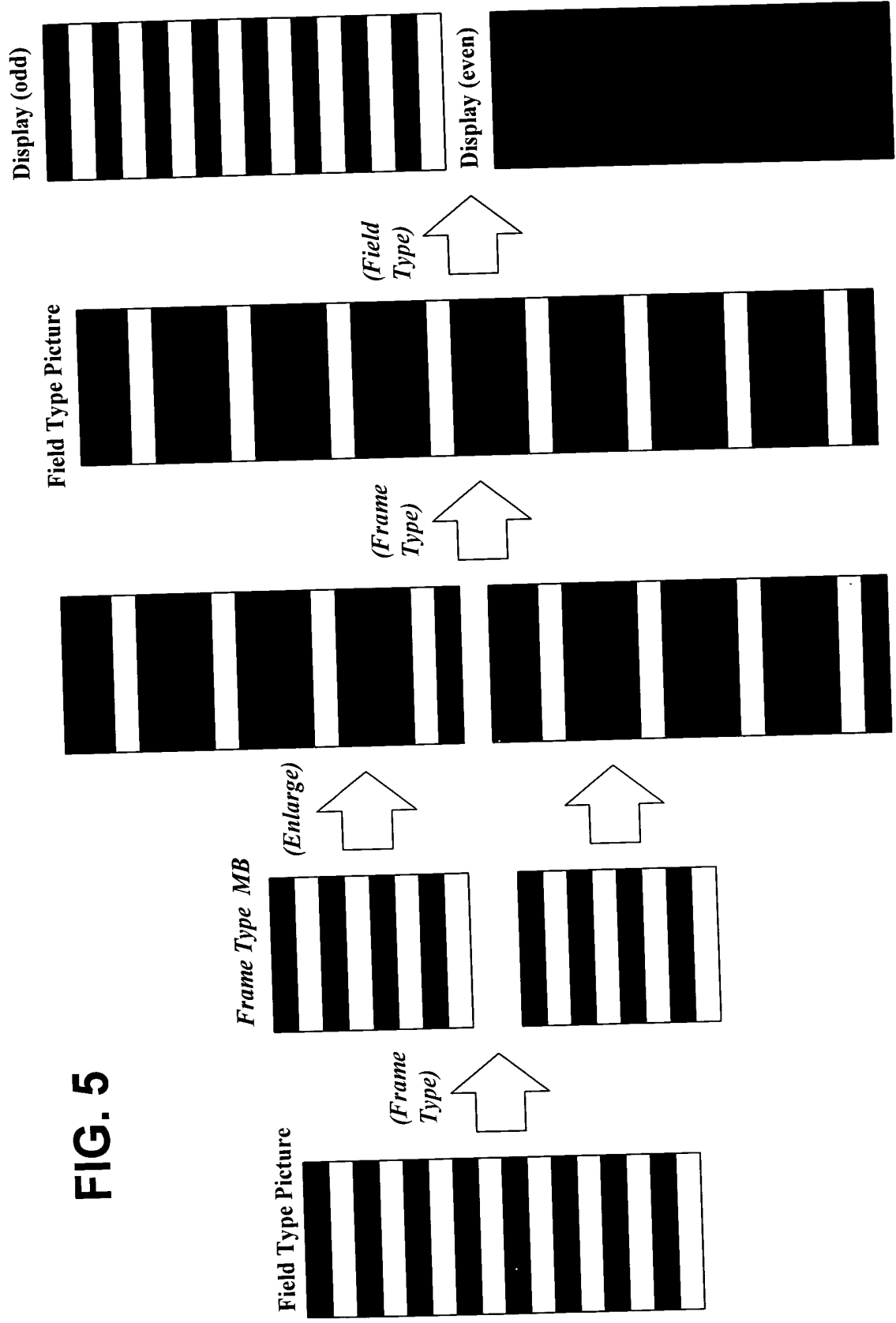


FIG. 6

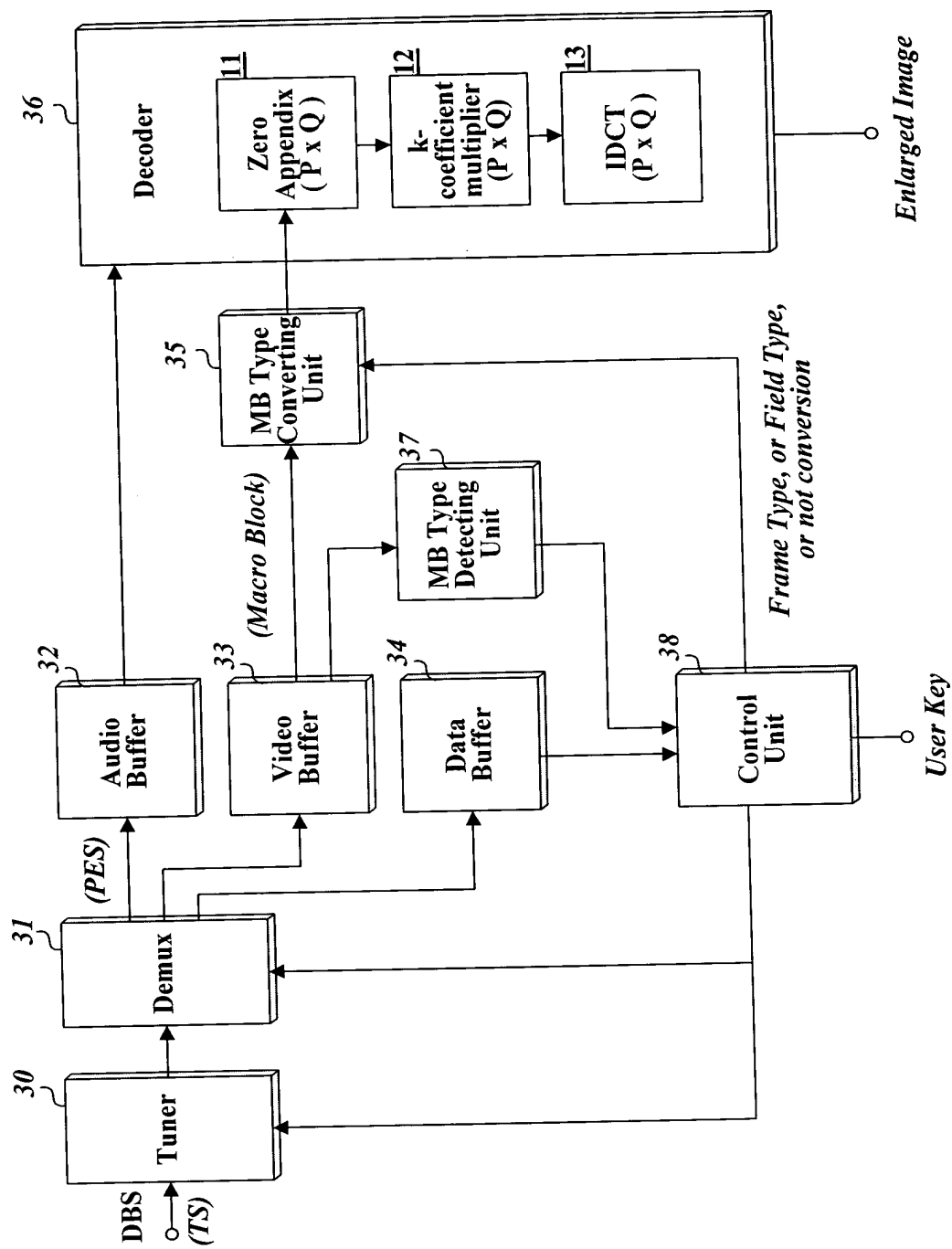


FIG. 7

Picture Coding Extension

```

picture coding extension () {
    extension_start_code
    extension_start_code_identifier
    Picture_structure
    top_field_first
    repeat_first_field
    chroma_420_type
    progressive_frame
    next_start_code()
}

```

Sequence extension

```

sequence_extension() {
    extension_start_code
    extension_start_code_identifier
    profile_and_level_indication
    progressive_sequence
    chroma_format
    next_start_code()
}

```

FIG. 8

progressive_sequence = 1
 : the coded video sequence contains only progressive frame-pictures
 progressive_sequence = 0
 : the coded video sequence may contain both frame-picture and field pictures

FIG. 9

Macroblock_modes

```

macroblock_modes() {
    macroblock_type
    if ((picture_structure=="Frame picture") &&
        (frame_pred_frame_dct == 0) &&
        (macroblock_intra||macroblock_pattern
        )) {
        dct_type
    }
}

```

dct_type = 1
 : macroblock is field type DCT coded
 dct_type = 0
 : macroblock is frame type DCT coded

FIG. 10

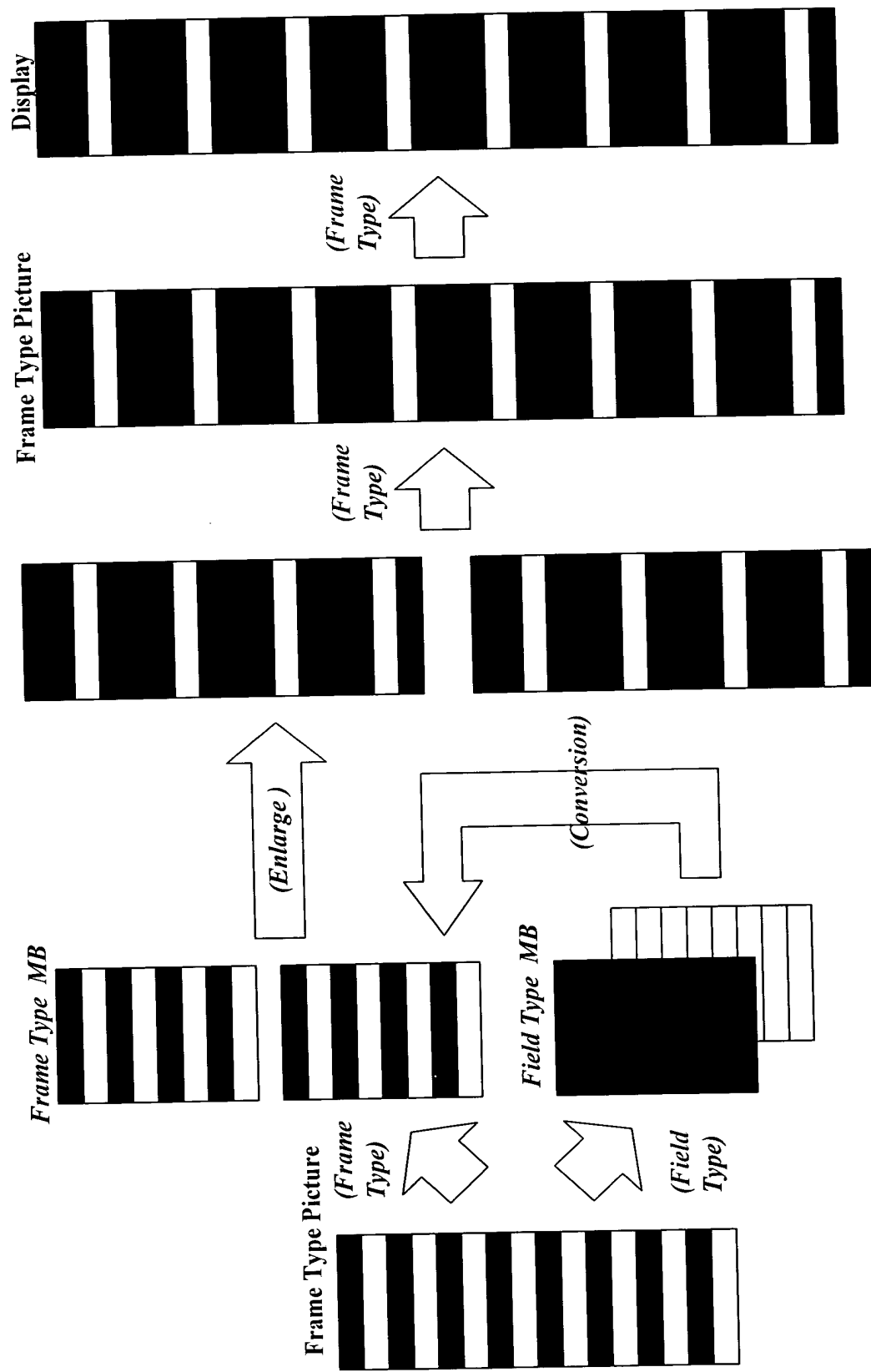


FIG. 11

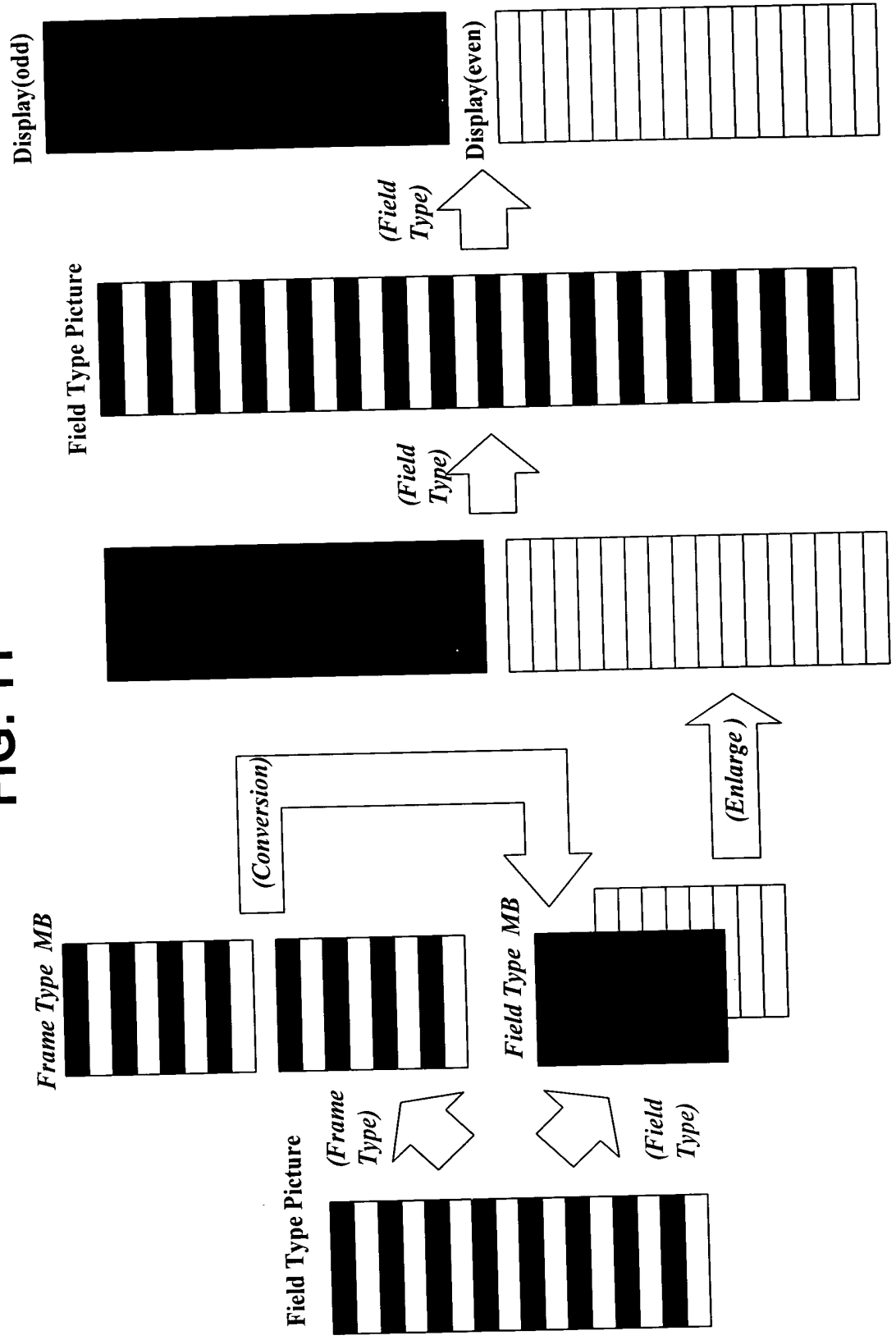


FIG. 12

